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(54) IMAGE-DATA COLLECTING METHOD, IMAGE-DATA PROVIDING METHOD, MAP FORMING METHOD, POSITION-DATA PROVIDING METHOD, NAVIGATION DEVICE AND VEHICLE

(57) Abstract:

PROBLEM TO BE SOLVED: To utilize the information such as images required by users by using navigation devices and the like by storing the image data photographed with a moving body in a central device togather with the position data of the moving body.

SOLUTION: Scenery or the like is photographed with a photographing means of a moving body. The image data are transmitted together with the position data of the moving body and stored in a central device 30. At the next step, when the position data from a user is received on the side of the central device 30, the image data stored in accordance with the position are transmitted. As long as the storage of the corresponding image data on the side of the central device 30 is present. the intended image data such as the present position can be obtained in the device on the side of each user. The central device 30 performs two-way communications with terminal devices 10a, 10b, 10c...10n through

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the specified telephone circuits (radio-telephone circuits and the like). Furthermore, a data memory part 32 memorizes and stores various kinds of data under the control of data control part 31. The stored data are sequentially updated by the communications with the respective terminal devices 10a, 10b, 10c...10n.

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